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                   Mauna Loa Solar Observatory Observer's Log
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          Thu May 11 16:44:53 GMT 2000
Year: 00  Doy: 132
Observer: koon
WEATHER COMMENT: Thu May 11 16:45:05 GMT 2000
Thin cirrostratus overcast, wind=5 mph from the SSE, temp=49 F.
Thu May 11 16:45:42 GMT 2000    CHIP      Startup--Initializing new tape
Thu May 11 16:49:16 GMT 2000    MKIV      Start Patrol
Thu May 11 16:49:33 GMT 2000    PICS      Start Patrol
Thu May 11 16:49:35 GMT 2000    CHIP      CHIP Start 7 Passband Patrol
Thu May 11 16:57:30 GMT 2000    PICS      End Patrol
PICS  COMMENT: Thu May 11 16:59:41 GMT 2000
Stopped Patrol and started Special, David requested that Special be run today.
MKIV COMMENT: Thu May 11 17:12:45 GMT 2000
Pausing, will wait for clouds to clear before continuing.
PSPT COMMENT: Thu May 11 17:13:06 GMT 2000
Will wait for clouds to clear before starting this.
**LOW-L PROBLEM**: Thu May 11 17:13:35 GMT 2000
Crashed again in the new regular way for the "new" drive #0.  Instrument is
pointed West, crashed at 22:27:30 5/10/00 UT, 14 files, message:tape,
tape0:header, no graphics rectangles.  As mentioned before, I saw the
tape drive (previous day) repeatedly try to apparently write a header to
the tape, it apparently couldn't, and the system was left crashed as it appears
today and on 5/9, 5/7, 5/6, and 5/5.  Can we convert to DLT type tapes like
PSPT has and GONG will be converting to?  The only recurrent problem with
LOWL that has been with us from the start are the difficulties getting the
exabyte tapes and drives to function reliably.
LOW-L COMMENT: Thu May 11 17:40:23 GMT 2000
Removed L00703 from drive #0, installed L00705, data going to L00704
in drive #1.
**PSPT PROBLEM**: Thu May 11 17:41:16 GMT 2000
I was prompted to install a tape for data yesterday, I did so, today I
checked the tape and it didn't have any current data on it.  I think the
data writing and checking is automated and know that the checking doesn't
work yet, but I'm not sure if there is another way to start the writing
to tape.  There are no messages regarding this on the screen, nor any
selections in the control window.
Thu May 11 18:03:26 GMT 2000    PICS      Flat
Thu May 11 18:06:01 GMT 2000    PICS      End Flat
WEATHER COMMENT: Thu May 11 19:57:45 GMT 2000
Cirrostratus is getting thicker.
COMMENT: Thu May 11 19:57:57 GMT 2000
Extended the dome slot about15 minutes ago.
Thu May 11 20:03:37 GMT 2000    CHIP      Gain7
Thu May 11 20:12:05 GMT 2000    CHIP      End Gain
Thu May 11 20:12:16 GMT 2000    CHIP      Bias
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Thu May 11 20:13:14 GMT 2000   CHIP   End Bias
WEATHER COMMENT: Thu May 11 21:23:25 GMT 2000
Fog starting to move in, closing down.
Thu May 11 21:24:45 GMT 2000   CHIP   CHIP End Patrol
Thu May 11 21:25:32 GMT 2000   PICS   End Patrol
Thu May 11 21:50:11 GMT 2000   CHIP   ending tape
COMMENT: Thu May 11 22:32:37 GMT 2000
Gave a tour and discussed safety concerns with Steve Sadler, his wife, and
Katy Schmoll (sp?).
LOW-L PROBLEM: Thu May 11 22:49:21 GMT 2000
Double tape problem. It stopped writing to drive #1 at some point and
started writing to L00705 in drive #0, then it crashed at 21:53:15 with
message:tape and tape 0:header, the instrument was still pointed at the
sun and would probably keep tracking until sunset - which is why we're
finding it pointed to the West the day after these crashes. I think we
need 2 new tape drives sent out to see if that helps, we're getting 2
varieties of crashes, I think drive #1 tends to pop out the tape and
sometimes causes those graphic rectangle crashes, and drive #0 has these
tape header crashes. The only other changes lately (besides drive #0)
is the Y2K changeover, maybe the DOS can't handle the dates? After
every power on for the PC the date comes up as 01-01-1980 but the time
is good (usually), we then change the date before starting the program.
Installed L00706 in drive #0 and L00707 in drive #1, after cleaning
both.
COMMENT: Thu May 11 23:08:39 GMT 2000

TAPES:
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MKIV: Too Cloudy, no data. LOG REVISION.
CHIP: C01123
PICS: P01744
LOWL: L00704 in drive #1, L00705 in drive #0, L00706 in drive #0.

Thu May 11 23:11:35 GMT 2000
        MkIV

16_49.rawmk4 16_55.rawmk4 17_01.rawmk4 17_07.rawmk4
16_52.rawmk4 16_58.rawmk4 17_04.rawmk4 17_10.rawmk4